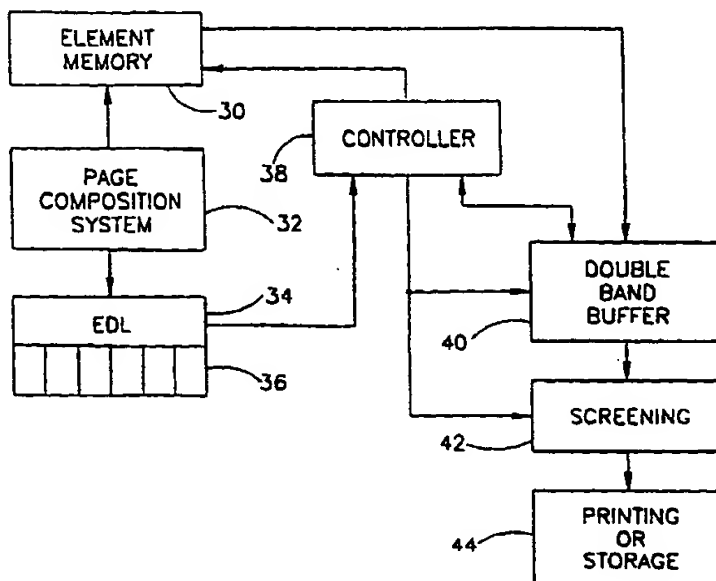


INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : G06T 11/60		A1	(11) International Publication Number: WO 99/17258
			(43) International Publication Date: 8 April 1999 (08.04.99)
(21) International Application Number: PCT/IL97/00319 (22) International Filing Date: 30 September 1997 (30.09.97) (71) Applicant (for all designated States except US): INDIGO N.V. [NL/NL]; Limburglaan 5, NL-6221 SH Maastricht (NL). (72) Inventors; and (75) Inventors/Applicants (for US only): AMIR, Gideon [IL/IL]; Snir Street 11, 47226 Ramat Hasharon (IL). SHAHAM, Noam [IL/IL]; Eizenberg Street 14, 76290 Rehovot (IL). ARNON, Yoram [IL/IL]; Dafna Street 28, 64929 Tel Aviv (IL). RIDEL, Lenny [IL/IL]; Ben Gurion Street 26, 45200 Hod Hasharon (IL). (74) Agents: FENSTER, Paul et al.; Fenster & Company Patent Attorneys Ltd., P.O. Box 2741, 49127 Petach Tikva (IL).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published With international search report.	

(54) Title: PAGE COMPOSITION SYSTEM



(57) Abstract

A page composition method for composing a page from elements in pixelized form for bit-mapping or half-toning prior to printing including: (a) determining the positions of the elements on a printed page; (b) dividing the page into bands; (c) serially transferring pixel data values for sections of bands corresponding to the portions of respective elements in a band, serially to a buffer memory, wherein the data from the portion of one element in a band is completely read prior to reading data corresponding to the portion of a second element in the band; (d) writing the data to a buffer memory as it is read; and (e) transferring the data from the buffer memory when all the data corresponding to all portions of all elements in the band is written in the buffer memory.